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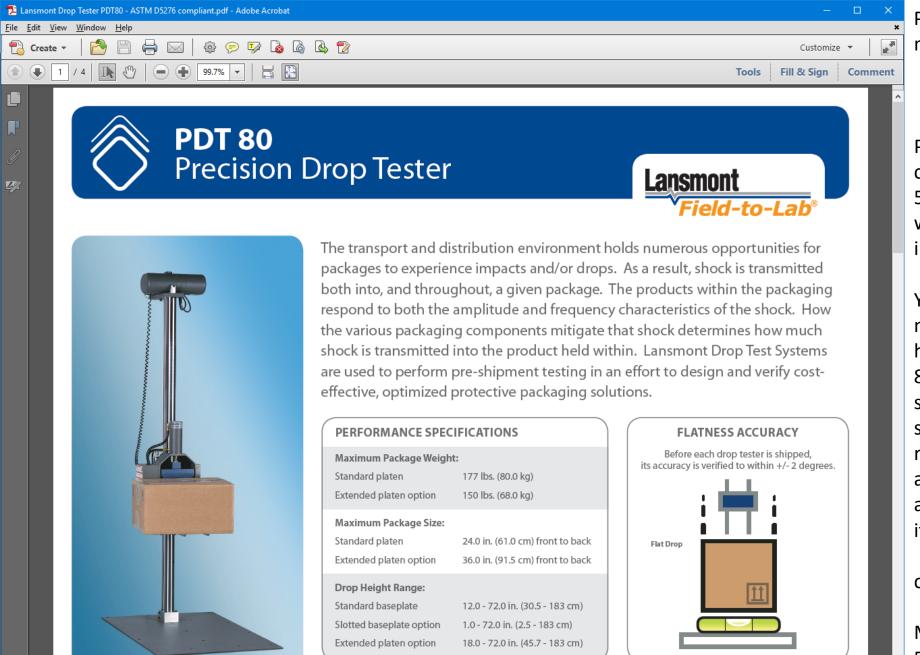
Title: Photos of Lansmont PDT 80 drop test machine at Los Alamos

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Intended for: For consultations with a vendor about equipment malfunction

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* Extended drop height available.

Test Equipment | Instruments | Support Services

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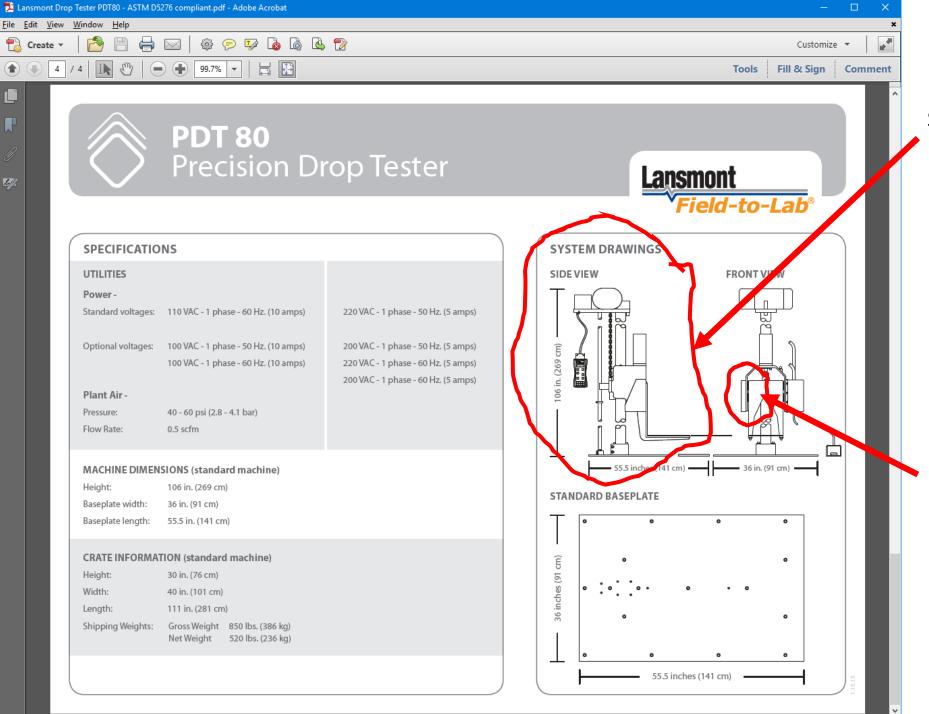
Photos of Lansmont PDT 80 drop test machine at Los Alamos

The Los Alamos RP-SVS Radiation Protection Services group designed and constructed a drop tower facility for TA-55 support work. The drop mechanism was supplied by the Lansmont company in Monterey CA.

Los Alamos staffers Murray Moore and Yong Tao have noticed that the system is not dropping loads correctly, and they have photographed aspects of the PDT-80 model system. The first 10 photos show the platen loaded with a cylindrical steel bar. The next 10 photos are of the roller-cam mechanism in the drop tower, and the last 2 photos indicate the amount of looseness in the platen when it is being pulled by a person.

This file will be sent to the Lansmont company for consultation.

Murray E. Moore 505-699-8264 memoore@lanl.gov Dec. 20, 2017



Schematic of the platen.

Location of the roller-cams.

